

10/563397

Express Mail No.: EV 577106355 US

Docket No.: H0004400

IAP20 Rec'd PCT/PTO 05 JAN 2006

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Inventor(s)	:	Timothy P. Gibson, et al.
Serial No.	:	Not Yet Assigned
Int'l Filing Date	:	09 July 2004
Title	:	RADIO RECEIVER FOR AVIATION COMMUNICATIONS AND NAVIGATION
Group/Art Unit	:	Not Yet Assigned
Examiner	:	Not Yet Assigned
Confirmation No.	:	Not Yet Assigned
Atty. Docket No.	:	H0004400

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)**

Mail Stop PCT  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

Dear Sir:

In accordance with 37 C.F.R. § 1.56 and § 1.97(b), the references listed below and on the attached Form PTO/SB/08A (Substitute for Form 1449A-B/PTO) are being brought to the attention of the Examiner for consideration in connection with the examination of the above-identified patent application. This application was filed after June 30, 2003; therefore, pursuant to the Patent Office waiver published at 1276 OG 55, this Information Disclosure Statement is being filed without copies of U.S. patent documents. Submission of these references is not an admission that the references constitute prior art.

**U.S. PATENTS**

<b>Patent No.</b>	<b>Inventor(s)</b>	<b>Issue Date</b>
5,317,323	Kennedy et al.	May 31, 1994
5,640,694	Milton, Jr.	June 17, 1997
5,771,396	Arnold	June 23, 1998
5,909,193	Phillips et al.	June 1, 1999
5,936,571	Desjardins	August 10, 1999
6,069,583	Silvestrin et al.	May 30, 2000
6,072,994	Phillips et al.	June 6, 2000

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Signature: Nicole BickhamPrinted Name: Nicole Bickham

6,112,141	Briffe et al.	August 29, 2000
6,151,354	Abbey	November 21, 2000
6,185,248	Wiegand	February 6, 2001
US 2002/0118784	Teo et al.	August 29, 2002
US 2003/0072320	Seo et al.	April 17, 2003

#### **FOREIGN PATENTS**

<b>Country</b>	<b>Patent No./Publication No.</b>	<b>Publication Date</b>
Europe	EP 1 168 637	January 2, 2002
Europe	EP 1 168 646	January 2, 2002
PCT	WO 02/25304	March 28, 2002

#### **OTHER REFERENCES**

ANALOG DEVICES, Four-Channel, 100 MSPS Digital Receive Signal Processor (RSP) AD6624A Data Sheet.

BRAD BRANNON, Analog Devices, Inc., Basics of Designing a Digital Radio Receiver (Radio 101), Manufacturer Application Note.

BRAD BRANNON, Designing a Super-Heterodyne Multi-Channel Digital Receiver, Manufacturer Application Note.

ANDY McCANN and BRAD BRANNON, DSP Brings Base Station SDR Reality, RF Design Magazine, September 2004.

PAUL O'SHEA, What's Up With Down Converters, [www.eeproductcenter.com](http://www.eeproductcenter.com), November 1, 2005.

BRAD BRANNON and CHRIS CLONINGER, Soft Radio Runs Into Hard Standards, EE Times, March 19, 2001.

ANALOG DEVICES, VersaCOMM Digital Converters, Manufacturer Data Sheet.

ANALOG DEVICES Overview of VersaCOMM, Manufacturer Data Sheet, March 26, 2001.

Applicants respectfully request that these references be made of record in the above-identified application and considered by the Examiner during prosecution of the application.

It is respectfully submitted that the present invention as claimed is patentable over the listed references.

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This information disclosure statement is being filed within three months of the filing date of a national application other than a continued prosecution application under § 1.53(d). Accordingly, no fee is due.

Acknowledgment of receipt is respectfully requested.

Respectfully submitted,

By: \_\_\_\_\_

  
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Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for Form 1449A/PTO  
**INFORMATION DISCLOSURE  
 STATEMENT BY APPLICANT**  
*(use as many sheets as necessary)*

Complete if Known	
Application Number:	Not Yet Assigned - Not in Phase of PCT/US94/024885
Int'l Filing Date:	09 July 2000
First Named Inventor:	Timothy P. Gibson
Group Art Unit:	Not Yet Assigned
Examiner Name:	Not Yet Assigned
Attorney Docket Number:	H0004400

U. S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

Examiner  
Signature

Date  
Considered

<sup>1</sup>Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**

Substitute for Form 1449B/PTO (Modified) <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)		<b>Complete if Known</b>			
		Application Number:	Not Yet Assigned - Nat'l Phase 01 PCT/US04/021585		
		Filing Date:	09 July 2004		
		First Named Inventor:	Timothy P. Gibson		
		Group Art Unit:	Not Yet Assigned		
		Examiner Name:	Not Yet Assigned		
Sheet	2	of	2	Attorney Docket Number:	H0004400

OTHER REFERENCES – NON PATENT LITERATURE DOCUMENTS AND INFORMATION			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
		ANALOG DEVICES, Four-Channel, 100 MSPS Digital Receive Signal Processor (RSP) AD6624A Data Sheet	
		BRAD BRANNON, Analog Devices, Inc., Basics of Designing a Digital Radio Receiver (Radio 101), Manufacturer Application Note	
		BRAD BRANNON, Designing a Super-Heterodyne Multi-Channel Digital Receiver, Manufacturer Application Note	
		ANDY McCANN and BRAD BRANNON, DSP Brings Base Station SDR Reality, RF Design Magazine, September 2004	
		PAUL O'SHEA, What's Up With Down Converters, <a href="http://www.eeproductcenter.com">www.eeproductcenter.com</a> , November 1, 2005	
		BRAD BRANNON and CHRIS CLONINGER, Soft Radio Runs Into Hard Standards, EE Times, March 19, 2001	
		ANALOG DEVICES, VersaCOMM Digital Converters, Manufacturer Data Sheet	
		ANALOG DEVICES Overview of VersaCOMM, Manufacturer Data Sheet, March 26, 2001	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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